

FISHKIN, M.Yu.

New data on the middle Paleozoic volcanism in the region of
the Shilka-Gazimur interfluvium of eastern Transbaikalia.
Geol.sbor. [Lvov] no.7/8:382-392 '61. (MIRA 14:12)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'viv.
(Transbaikalia--Rocks, Igneous)

MISNIK, Yu.F.; FISHKIN, M.Yu.

New data on the geology and petrography of the Sretensk
granitoid massif; (eastern Transbaikalia). Geol.i geofiz. 4:53-67
'62. (MIRA 15:8)

1. L'vovskiy gosudarstvennyy universitet imeni Franko.
(Transbaikalia--Granite)

FISHKIN, M.Yu.

Talc and magnesium ores in the interfluvium of the Shilka
and Gazimur Rivers. Razved. i okhr. nedr 28 no.10:10-12
0 '62. (MIRA 15:11)

1. L'vovskiy gosudarstvennyy universitet.
(Shilka Valley--Talc) (Shilka Valley--Magnesium)
(Gazimur Valley--Magnesium) (Gazimur Valley--Talc)

FISHKIN, M.Yu.

Graphite deposits in the Ust'-Karsk region in Transbaikalia. Visnyk
L'viv.un. Ser.geol. no.1:100-106 '62. (MIRA 16:7)
(Ust'-Karsk region--Graphite)

Baku, 18-23 Sept 1962

Regularities in the Formation and Distribution of Endogenous
Mineral Resource Deposits,
The Third All-Union Conference on...

S/011/63/000/001/002/002
A006/A101

Group 2 included reports on--
endogenous deposits in other synclinal regions, such as mercury formations in
Siberia and the Far East (V. A. Kuznetsov), pyrite deposits in the Ural (S. N.
Ivanov), Kimeridgian and Alpine metallogeny in Uzbekistan (I. Kh. Khamrabayev);
ore region types in the Pacific area (Ye. A. Radkevich); metallogeny in Tadzhik-
istan (K. I. Litvinenko); hydrothermally transformed rocks in the Trans-Carpa-
thian region (M. Yu. Fishkin) peculiarities in magmatism and metallogeny of the
Mountaneous Crimea (V. I. Lebedinskiy), antimony-mercury fields (M. A. Karasik)
and others. Group 3 included reports on the classification of metallogenous zones
and provinces of the Earth crust (D. I. Gorzhavskiy); classification of metallo-
genous zone types of the Earth crust (V. N. Kozorenko); classification of mag-
matogenous non-metallic mineral resources as a basis of prognoses and prospecting
(V. P. Petrov); types of metallogenous provinces in synclinal regions of the
USSR (A. I. Semenov); principles of geological zoning on the example of Central
Asia (K. L. Babayev); comparative characteristics of metallogeny in Malyy Caucasus
and the Kamchatka-Koryak zone (I. G. Magak'yan), some particularities of metallo-
geny in the Mediterranean geosynclinal region (O. A. Tvalchrelidze); rootless
plutons and some peculiarities in the magmatism of moving zones (A. P. Lebedev);
paragenetic ore complexes (P. S. Saakyan) the part of deep-lying breaks in
metallogeny of syncline regions on the example of the Caucasus (E. Sh. Shikhali-
beyli). The closing report was read by A. V. Sidorenko, Minister of Geology and
Preservation of Mineral Resources of the USSR.

Investiya Ak nauk SSSR, Seriya Geologicheskaya, No. 1, 1963, pp 126-128

FISHKIN, M.Yu.

Mineralogy and conditions governing the formation of kaolins
in the Glukhov deposit. Min. sbor. no.16:227-239 '62.

(MIRA 16:10)

1. Gosudarstvennyy universitet imeni Ivana Franka, L'vov.
(Poloshki region--Kaolin)

FISHKIN, M. Yu.

Need for introducing a new compulsory course "Altered aureole rocks and their significance for prospecting." Izv.vys.ucheb.zav.; geol.i razv. 6 no.3:126-128 Mr '63. (MIRA 16:5)

1. L'vovskiy gosudarstvennyy universitet imeni Ivana Franko.
(Ore deposits)

FISHKIN, M.Yu.

Hydrothermal metamorphism of rocks in Transcarpathia, their ore potential, and regulations in spatial distribution. Zakonom.razm. polezn.iskop. 7:382-383 '64. (MIRA 17:6)

1. L'vovskiy gosudarstvennyy universitet.

FISHKIN, M. Yu.

Dickite from the secondary quartzites of the Beregovskoye hill
county in Transcarpathia Province. Min. sbor. no.17:214-220 '63.
(MIRA 17:11)

1. Gosudarstvennyy universitet imeni Franko, L'vov.

FISHKIN, M.Yu.

Metamorphism of carbonate rocks in the northeastern part of
the Shilka-Gazimur interfluvium (eastern Transbaikalia) and
the relationship of talc and magnesite mineralization to it.
Vest. L'vov. un. Ser. geol. no.2:76-83 '64.

(MIRA 19:1)

FISHKIN, S.; LELEDOVA, R.

Production of fat melted from pigskins. Mias.ind.SSSR 32
no.6:49 '61. (MIRA 15:2)

1. Rizhskiy myasokonservnyy kombinat.
(Lard)

FISHKIN, V. I.
FISHKIN, I. M.; FISHKIN, V. I.

Result of tissue therapy application in gynecology. Akush.
gin. no.3:8-9 May-June 1951. (CML 21:1)

1. Candidate Medical Sciences. 2. Of the Obstetrics and
Gynecological Union (Head ---A..I: Koksharova), Bogorodsk.

FISHKIN, V.I.

FISHKIN, V.I.

New material for arthroplasty of the hip joint in ankylosing
polyarthritis. Ortop.travm. i protez. no.2:58-59 Mr-Ap '55.
(MLA 8:10)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta
vosstanovitel'noy khirurgii, travmatologii i ortopedii
(dir.-chlen-korrespondent AMN SSSR prof. F.P.Bogdanov)

(ARTHRITIS, RHEUMATOID,

ankylosing of hip, arthroplasty, new material)

(HIP, diseases

polyarthritis, ankylosing, arthroplasty, new
material)

FISHKIN, V.I.

FISHKIN, V.I.

Apparatus for transosseous fixation in arthrodesis of the shoulder joint. Ortop.travm. i protes. no.4:51-52 J1-Ag '55 (MLRA 8:10)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta vosstanovitel'noy khirurgii, travmatologii i ortopedii (dir.-chlen-korrespondent AMN SSSR, prof. F.R.Bogdanov)

(SHOULDER, surgery,
arthrodesis, appar. for transosseous fixation)

FISHKIN, V.I.
CHINENKOV, A.V., kandidat meditsinskikh nauk; *FISHKIN, V.I.*, kandidat
meditsinskikh nauk

Method for surgical treatment of coxa vara. Ortop., travm. i protes.
18 no.2:46-47 Mr-Apr '57. (MLRA 10:8)

1. Iz Sverdlovskogo instituta vosstanovitel'noy khirurgii travmato-
logii i ortopedii (dir. - chlen-korrespondent AMN SSSR prof. F.R.
Bogdanov)
(COXA VARA, surg.)

BOGDANOV, F.R., professor; CHINENKOV, A.V., kandidat meditsinskikh nauk;
FISHKIN, V.I., kandidat meditsinskikh nauk

Docent Georgii Ivanovich Ulitskii. Ortop., travm. i protes. 18
no.2:67 Mr-Ap '57. (MIRA 10:8)

1. Chlen-korrespondent AMN SSSR (for Bogdanov)
(ULITSKII, GEORGII IVANOVICH, 1906-)

EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

1681. (480) THE APPLICATION OF A SHAPED CANCELLOUS GRAFT FOR
REPLACEMENT OF DEFECTS OF THE FOREARM BONES (Russian text)
- Fishkin V. I. - ORTOP. TRAVM. I PROTEZ. 1957, 4 (58-59)
It is suggested to employ a graft taken from the lateral surface of the iliac bone
and formed in the shape of a butterfly. The centre part of the graft is placed be-
tween the fragments of the bone, and the lateral parts are applied to the lateral
surface of the fragments. The 'butterfly' is fixed by an intramedullary metal pin.

In Sverdlovskogo nauchno-issledovatel'skogo instituta vosstanovitel'skoy khirurgii, travmatologii i ortopedii (dir. - chlen-korrespondent AMN SSR prof. F.R. Bogdanov).

FISHKIN, V.I., kand.med.nauk, referent

Minutes of the meeting of February 20, 1957 of the Ural Society
of Orthopedists and Traumatologists. Ortop.travm. i protez. 18
no.4:92-93 JI-Ag '57. (MIRA 11:1)
(JOINTS--DISEASES)

FISAKIN, V.I., land.med.nauk, referent

Minutes of the March 6, 1957 session of the Ural Society of
Traumatologists and Orthopedists. Ortop., travm. i protez.
18 no.5:107-109 S-O '57. (MIRA 12:9)
(ORTHOPEDIA)

USSR / Human and Animal Morphology. Nervous System. S-2
Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64808.

Author : Chernogryadskaya, N. A., Fishkin, V. I.

Inst : Not given.

Title : Morphological Changes in ~~the~~ Nerve Fibers and
Their Endings in the Somatic Musculature Athetosis.

Orig Pub: Arkhiv patologii, 1957, 19, No 6, 29-35.

Abstract: A histological study was made of 43 muscles of
13 patients having athetosis and 7 having spastic
hyperkinosis and hemiathetosis. In intramuscular
nerve trunks, varicose thickenings and vacuoliz-
ation of the nerve fibers were shown. In the
motor nerve endings thickening and hardening of
the terminal nerve branches, the "phenomenon
of the spheres", and more rarely "neuromas of

Card 1/2

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USSR / Human and Animal Morphology. Nervous System. S-2
Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64808.

Abstract: motor endings are observed. Simultaneously with the changes in the neurofibrillar apparatus, a multiplication occurs of the nuclei of the foot of the motor ending. In the neuro-muscular spindles, a hardening and swelling of the terminal branchings of the sensory endings is noted, and the appearance on them of large irregular forms of swellings. A thickening of the capsule of the neuro-muscular spindle, and an increase in the lymphatic space takes place. The majority of the changes shown in athetosis pertain to the group "phenomena of excitation". In striated muscular tissue dystrophic and atrophic changes are observed.

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FISHKIN, V.I., kand.med.nauk, referent

Minutes of the meeting of January 29, 1958 of the Ural
Society of Traumatologists and Orthopedists. Ortop.
travm. i protex. 19 no.4:87- JI-Ag '58 (MIRA 11:11)
(HIP JOINT--SUMMARY)

FISHKIN, V.I., kand.med.nauk, referent

Minutes of the November 14, 1957, session of the Ural Society of
Traumatologists and Orthopedists. Ortop.travm. i protez. 19 no.3:88-92
My-Je '58 (MIRA 11:7)
(ORTHOPEDIA)

BOGDANOV, F.R., prof., FISHKIN, V.I., starshiy nauchnyy sotrudnik.

Some current problems in surgery for congenital hip dislocation.
Ortop.travm. i protes. 19 no.5:26-33 8-0 '58 (MIRA 11:12)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta travmatologii
i ortopedii. 2. Chlen-korrespondent AMN SSSR (for Bogdanov).
(HIP, disloc.
congen., surg., technic (Rus))

FISHKIN, V.I., kand.med.nauk, referent

Minutes of the session of February 12, 1958 of the Ural Society
of Traumatologists and Orthopedists. Ortop.travm. i protez.
19 no.5:105-106 S-O '58 (MIRA 11:12)
(FEMUR—SURGERY)

FISUKIN, V.I.; CHERNOGORYADSKAYA, N.A.

Structure of neuromuscular spindles in the somatic muscles in man
[with summary in English]. Arkh.anat. gist. i embr. 35 no.1:52-58
Ja-F '58. (MIRA 11:4)

1. Iz Sverdlovskogo instituta vosstanovitel'noy khirurgii, travmatologii i ortopedii (dir. - chlen-korrespondent AMN SSSR prof. F.R. Bogdanov). Adres avtorov: Sverdlovsk, Bankovskiy per., 7, Institut vosstanovitel'noy khirurgii, travmatologii i ortopedii.

(MYONEURAL JUNCTION, anatomy and histology,
spindles in striated musc. (Rus))

BOGDANOV, F.R., prof.; FISHKIN, V.I., starshiy nauchnyy sotrudnik

Development of gliding apparatus for the lower limb. Ortop.travm.
i protez. 20 no.4:64-66 Ap '59. (MIRA 13:4)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta travma-
tologii i ortopedii. 2. Chlen-korrespondent AMN SSSR (for Bogdanov).
(ORTHOPEDICS, appar. & instruments
gliding appar. for lower limb, develop. (Rus))

FISHKIN, V.I., starshiy nauchnyy sotrudnik

Surgical technic for tilting the greater trochanter in defects of head and neck of the femur. Ortop.travm.i protez. 20 no.9:36-40
S '59.

(MIRA 13:2)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (ispolnyayushchiy obyazannosti direktora - prof. T.S. Grigor'yeva).

(FEMUR HEAD, abnorm.)

(FEMUR NECK, abnorm.)

FISHKIN, V. I., kand. med. nauk; SHIKHALEYEVA, M. N.

Blood coagulation change under the influence of homologous tissues
(pieces of the fetal cranial vault). Khirurgia no.2:8-12 '62.

(MIRA 15:2)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta travmato-
logii i ortopedii (dir. - kandidat meditsinskikh nauk Z. P.
Lubagina)

(BLOOD—COAGULATION)

(FETAL MEMBRANES—TRANSPLANTATION)

FISHKIN, V.I., kand. med. nauk

Embedded fixation device with anchor for compression osteosynthesis.
Ortop., travm. i protez. no.8:55-58 '62. (MIRA 17:10)

1. Iz Sverdlovskogo instituta travmatologii i ortopedii (dir.-
kand.med. nauk Z.P. Lubagina).

ARENDE, A.A., prof.; ARKHANGEL'SKIY, V.V., kand. med. nauk; BOGDANOV, F.R., prof.; BONDARCHUK, A.V., prof.; KOPYLOV, M.B., prof.; KORNEV, P.G., zasl. deyatel' nauki RSFSR, prof.; KUSLIK, M.I., prof.; LEYBZON, N.D., doktor med. nauk; MAKAROV, M.P., kand. med. nauk; NIKOL'SKIY, V.A., prof.; PODGORNAYA, A.Ya., doktor med. nauk; RAZDOL'SKIY, I.Ya., prof. [deceased]; ROSTOTSKAYA, V.I., kand. med. nauk; TUMSKOY, V.A., kand. med. nauk; UGRYUMOV, V.M., prof.; FISHKIN, V.I., kand. med. nauk; KHRAPOV, V.S., kand. med. nauk; CHIKOVANI, K.P., prof. [deceased]; SHLYKOV, A.A., prof.; PETROVSKIY, B.V., prof. zasl. deyatel' nauki RSFSR, otv. red.; YEGOROV, B.G., zasl. deyatel' nauki RSFSR, prof., red. toma; MIRONOVICH, N.I., doktor med. nauk, zam. red.; PARAKHINA, N.L., tekhn. red.

[Manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz. Vol.4. [Neurosurgery; the sequelae of lesions of the central nervous system. Diseases of the spine, the spinal cord and its membranes. Diseases of the vegetative nervous system] Neirokhirurgia; posledstviia povrezhdenii tsentral'noi nervnoi sistemy. Zabolevaniia pozvonochnika, spinnoy mozga i ego obolochek. Zabolevaniia vegetativnoi nervnoi sistemy. 1963. 667 p. (MIRA 16:10)

1. Deystvitel'nyy chlen AMN SSSR (for Petrovskiy, Yegorov, Kornev). 2. Chlen-korrespondent AMN SSSR (for Bogdanov). (NERVOUS SYSTEM—SURGERY) (SPINE—SURGERY)

L 24900-65

ACCESSION NR: AR4047777

S/0299/64/000/018/MOZ1/MOZ1

SOURCE: Ref. zh. Biologiya. Svodnyy tom, Abs. 18M159

AUTHOR: Fishkin, V. I.; Gladkova, A. M.; Mel'nichuk, A. V.

TITLE: Accretion process characteristics of bone transplants² - free and on feeding muscular pedicles

CITED SOURCE: Ortopediya, travmatol. i protezir., no. 4, 1964, 22-24

TOPIC TAGS: dog, transplantation, bone graft, accretion, femur, vascularization

TRANSLATION: The behavior of free transplants and feeding transplants was compared in experiments on 17 dogs with replantation of the femur greater trochanter. The external wide muscle of the femur, from which arterial branches enter the greater trochanter, according to the authors, served as a feeding pedicle. A skelitized major trochanter from the opposite side served as a control for the feeding transplants. Postoperative observation periods were 7, 14, 21 days and 1, 2, 4, 6 and 12 mos. Due to preservation of the basic vascular

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ACCESSION NR: AR4047777

network in the feeding transplants, new bone formation took place not only from the matrix side which is normal, but also from the transplant side, and normal bone structure was restored. Normalization of bone structure did not take place in the free transplants. Yu. Pashin

SUB CODE: LS

ENCL: 00

Card 2/2

FISHKIN, V.I., kand. med. nauk

Compression osteosynthesis with a removable fixator in pseudarthrosis
and reconstructive operations on the hip joint. Khirurgiia 40
no.5:45-52 My '64. (MIRA 18:2)

1. Sverdlovskiy nauchno-issledovatel'skiy institut travmatologii
i ortopedii (dir.- kand. med. nauk Z.P. Lubegina).

FISHKIN, V.I., kand. med. nauk (Sverdlovsk, General'skaya ul. d. 6, kv. 71)

Compression arthrodesis of the hip joint. Ortop., travm. i
protez. 26 no. 5:66-69 My '65. (MIRA 18:10)

1. Iz Sverdlovskogo instituta travmatologii i ortopedii (dir. -
kand. med. nauk Z.P. Lubagina).

FISHKIN, W.I., kand. med. nauk (Sverdlovsk, General'skaya ul. d.6.kv.71)

Method of operative treatment of a congenital pseudarthrosis
of the leg. Ortop., travm. i protez. 26 no.9:46-48 3 '65.

(MIRA 18:0)

1. Iz Sverdlovskogo instituta travmatologii i ortopedii
(direktor- kand. med. nauk Z.P. Lubagina).

KAGAN, N.Ya.; SHENKER, B.Z.; Prinimali uchastiye: FISHKIN, Ye.L., inzh.;
REVZIN, A.Z., inzh.; ROZINKINA, L.N., inzh.

Selection of pattern equipment material in individual and small
batch production. Lit. proizv. no.12:1-4 D '64.

(MIRA 18:3)

FISHKIN, Z.Ye.

Ice cream production in the U.S.S.R. during the period from
1959 to 1962. Khol.tekh. 40 no.6:1-6 N-D '63. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy
promyshlennosti.

VITEBSKIY, Mikhail Naumovich; FISHKINA, F.I.; GRITSAY, A.P.; SHTETS,
K.A., dots., otv. red.; ALYAB'YEV, N.Z., red.; TROPIMENKO,
A.S., tekhn. red.

[The finance of socialist industry]Finansy sotsialisticheskoi
promyshlennosti. Khar'kov, Izd-vo Khar'kovskogo univ., 1962.
274 p. (MIRA 16:3)

(Finance)

FISHKINA, F. L.

"An Investigation of the Cutting of Untrimmed Boards." Cand Tech
Sci, Moscow Forestry Engineering Inst, 20 Dec 54. (VM, 10 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

DOLGOV, A.I.; FISHKINA, F.L.

Precise machining of boxes on double-sided belt grinding machines.
Der.prom. 8 no.3:15-16 Mr '59. (MIRA 12:4)
(Woodworking)

FISHKINA, F.L.

Norms for lumber consumption for the manufacturing of planed
wood containers. Der.prom. 9 no.1:13-14 Ja '60.
(MIRA 13:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut mekhaniche-
skoy obrabotki dereva.
(Boxes)

FISHKINA, P.L.

Converting the stack volume measures of usable slabs into the real
unit volume. Der.prom. 9 no.12:15-16 D '60. (MIRA 13:12)
(Lumber—Measurement)

FISHKINA, F.L.

Yield of lumber from crooked logs in the various methods of
sawing unedged boards. Der.prom. 10 no.6:13-14 Je '61. (MIRA 14:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii
obrabotki drevesiny.

(Lumber)

FISHKINA, F.L.

Methods of lumber cutoff in the manufacture of structural
parts. Der.prom. 10 no.10:19-20 0 '61. (MIRA 14:9)
(Sawmills)

FISHKINA, F.L.

Differentiated norms of raw material consumption in the manufacture
of structural parts. Der.prom. 11 no.5:13 My '62. (MIRA 15:5)
(Building materials--Production standards)

FISHKINA, F.L.

Orientation of uncut and cut-to-length stocks in longitudinal
sawing. Der. prom. 12' no.5:11 My '63. (MIRA 16:7)

(Sawmills)

FISHKINA, F.L.

Sawing lines of lumber for stock material. Der. prom. 13 no.1:
24-26 Ja '64. (MIRA 17:4)

FISHKINA, F.L.

Milling machines with a bottom spindle. Der. prom. 13 no.6;
16-17 Je '64. (MIRA 17:6)

SHVARTS, A.M.; TRAKHTENGERTS, E.A.; BRUK, B.N.; PURTO, V.A.;
FISHKINA, V.L.

Experience in literal translation of patent literature
from the English language by the "Strela-3" computer.
NTI no.2142-45 '63. (MIRA 16:11)

FISHKIS, I.S.

Mass flight of the may fly *Polymitarcys nigradorsum* Tshern.
(Ephemeroptera, Ephoronidae) in Leningrad Province. Ent.oboz.
34:137-143 '55. (MLRA 9:5)
(Leningrad Province--May flies)

FISHKIS, M.M.; KALENSKIY, V.K.; FED'KO, I.V.

**New developments in welding thick sheet steel. Avtom.svar. 8 no.5:
74-77 S-0 '55. (MLRA 9:1)**

**1. Institut elektrosvarki imeni Ye.O.Patona AN USSR i Moskovskiy
avtozavod imeni I.V.Stalina.
(Sheet steel--Welding)**

FISHKIS, M.M.; PATON, V.Ye.; DUBOVETSKIY, V.Ye.

Automatic welding under flux with use of magnetically moving
equipment for the construction of presses. Avtom. svar. 10 no.5:
106-111 S-O '57. (MIRA 10:12)

1. Moskovskiy avtomobil'nyy zavod im. Likhacheva (for Fishkis).
2. Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O.
Patona AN USSR (for Paton, Dubovetskiy).
(Power presses--Welding) (Magnetic instruments)

AUTHOR: Fishkis, M.M. 125-58-7-13/14

TITLE: Electric Slag Welding for the Repair of Equipment (Elektro-shlakovaya svarka pri remonte oborudovaniya)

PERIODICAL: Avtomaticheskaya svarka, 1958,¹¹Nr 7, pp 76-81 (USSR)

ABSTRACT: The application of electric slag welding process for the repair of heavy equipment is described on three examples of repair carried out at the Moscow Automobile Plant imeni Likhachev: 1) frame of press-shears; 2) a large press crankshaft; 3) a die-support plate of a press. The welding of the ends to the crankshaft was carried out under the guidance of Candidate of Technical Sciences G.Z. Voloshkevich. Information is described in detail and illustrated by photographs and diagrams. There are 2 photos, 2 diagrams and 1 table.

ASSOCIATION: Moskovskiy avtozavod imeni Likhacheva (Moscow Automobile Plant imeni Likhachev)

SUBMITTED: January 15, 1958

1. Arc welding--Applications 2. Machine tools--Maintenance

Card 1/1

18(7)

SOV/125-12-6-3/14

AUTHOR: Kurkin, S.A. and Fishkis, M.M., Candidates of Technical Sciences, Vinokurov, V.A., Gazaryan A.S., Engineers

TITLE: Measuring of Deformation and Stress at the Welding of Elements with great Thickness made of St. 3

PERIODICAL: Avtomaticheskaya svarka, 1959, Vol 12, Nr 6 (75)
pp 22-27 (USSR)

ABSTRACT: The article presents the description of experiments on the definition of quantity and character of residual stress in steel-samples of great thickness, welded the "electric slag" way. The experiments were made by the welding laboratory of MVTU imeni Baumann, together with the Moscow automobile plant imeni Likhachev. The experiments were made to study: 1) The development of deformations in large size welded joints in course of time, 2) The field of residual stress in butt welds of elements with great thickness, 3) The taking down of residual stress by heat treatment. The deformations in course of time were produced by a mechanical press

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SOV/125-12-6-3/14

Measuring of Deformation and Stress at the Welding of Elements
with great Thickness made of St.3

with a strength of 3.5 thousand tons (fig. 1 and 2). The material of all samples was a low carbon steel of type M St 3 with following chemical compounds: 0.14-0.22% C, 0.40-0.65% Mn, 0.12-0.30% Si, not more than 0.055% S and less than 0.05% P. The mechanical qualities of the steel were: $\sigma_k = 38-41 \text{ Kg/mm}^2$, $\sigma_r = 24 \text{ kg/mm}^2$ and $\delta = 27\%$. The experimental investigation of triaxial stress showed, that the theoretical calculation (Ref. 2) does not correspond with the results of the experiment. A deformation along the welds in not loaded constructions, made of elements of great thickness, during a considerable length of time (ca. 60 times within 2 months) was not observed. It is difficult to say anything about the possibilities of deformation over longer periods of time. The average stress σ_{10} in all bands of unannealed samples was not higher than 300 Kg/cm^2 (Fig 3). There are 2 diagrams

Card 2/3

SOV/125-12-6-3/14

Measuring of Deformation and Stress at the Welding of Elements
with great Thickness made of St. 3

1 graph, 1 equation and 7 references, 5 of which are
Soviet and 2 English

ASSOCIATION: MVTU im. Bauman (MVTU imeni Bauman)(Kurkin, Vinokurov, Gazar-
yan); avtozavod im. Likhacheva (Automobile Plant imeni Likhachev)(Fishkis).

SUBMITTED: February 25, 1959

Card 3/3

FISHKIS, M.M.

If you ask welders. Izobr.i rats. no.2:14-16 F '60. (MIRA 13:8)

1. Nachal'nik tekhnbyuro svarki Moskovskogo avtozavoda imeni
Likhacheva.

(Welding--Technological innovations)

FISHKIS, M.

Thank you. Izobr.i rats. no.6:35 Je '60.

(NIRA 14:2)

1. Nachal'nik tekhnbyuro svarki Moskovskogo avtozavoda imeni Likhacheva. .
(Welding—Technological innovations)

85465

S/135/60/000/012/003/010
A006/A001

1.5400 also 2708

AUTHOR: Fishkis, M.M., Engineer

TITLE: Electric Slag Welding

PERIODICAL: Svarochnoye proizvodstvo, 1960, No. 12, pp. 10-14

TEXT: The development of electric slag welding, coming more and more into use, is shown in an exhibition. The Institut elektrosvarki imeni Ye.O. Patona (Institute of Electric Welding imeni Ye.O. Paton) exhibits the A-372p (A-372r) rail apparatus and the A-501M (A-501M) magnetic-pitch device, which had already been shown in Brussels and New York; and the new multi-purpose A-535 rail apparatus (Figure 2) for welding straight and circular seams of up to 500 mm thick metal with wire electrodes of 3 mm in diameter. This machine may also be converted to welding up to 800 mm thick metal, with plate electrodes up to 10 mm thickness. Three separate electrode wires are fed from a d-c motor; the welding head is equipped with a special mechanism serving to change the distance between the electrodes during welding. The nozzles are equipped with devices to correct the electrode direction during welding. The motion rate of the travelling trolley is automatically regulated, depending on the level of the welding pool. Special

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85466

S/135/60/000/012/003/010
A006/A001

Electric Slag Welding

hinged slides facilitate the assembly. The machine may also be used for welding circular seams. Its technical characteristics are: 66-480 m/hour wire electrode feed rate; 0.4-9.0 m/min plate-electrode feed rate; rated current per phase - 1,000 amps; weight 380 kg. The A-569 machine (Figure 3) is intended for welding with plate electrodes and consists of a travelling trolley ensuring the controlled electrode feed, and of a support with current-fed plate holders. The current feed is performed by reliable fixed clamps instead of sliding contacts. The welding head is operated downward. The machine may be used for welding short, metal-consuming seams of not over 1.5 m length. The joint is forcibly formed by fixed, water-cooled copper plates or with the aid of steel backings. Current feed is assured by a three-phase TШС-3000-3 (TShS-3000-3) type transformer designed by the Institute of Electric Welding imeni Ye.O. Paton. The A-569 machine can also be used for welding seams of complex configuration with a "consumable nozzle" and for producing T-welds of straight joints of over 100 mm thick parts when a magnetic-pitch apparatus can not be employed. Figure 4 shows the A-645 apparatus designed by the Institute which is a convenient device for welding with a consumable nozzle. This is a portable machine fastened on a bracket which may be easily mounted on the workpiece. The wire feed to the consumable nozzle may be performed from 6 coils simultaneously. The A-671 machine is a light-weight unit with manual drive

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85463

S/135/60/000/012/003/010
A006/A001

Electric Slag Welding

for welding 16-40 mm thick sheet metal when assembling butt joints. The A-578 apparatus (Figure 5) is intended for electric-slag building up of grip crane cores and similar items. A rolled or forged 3X 28 8 (3Kh2V8) steel rod of 14-20 mm in diameter is used as a building-up electrode. Time of building up a core is 1.2-2 minutes. The device consists of a core-fastening device, a dismountable water-cooled copper mold and a mechanism for the electrode rod feed to the mold. Besides the mentioned machines, the exhibition presents various materials and articles demonstrating the efficiency of electric slag welding, as e.g. a 100-ton 20Г (20G) steel ram (welded section 2,000x3,000 mm, and weight of the welded metal: 2 tons) welded by the method of "consumable nozzle"; a 34XМ (34KhM) steel sub-press plate (600x3,500 mm section); a hydraulic press frame representing a 164-ton pipe which consists of 5 forged rings of dissimilar steel and of a 54-ton 15ГН 4М (15GN4M) steel cylinder. Electric slag welding of commercial GT -1 (VT-1) titanium is conducted on a special A-550 apparatus with sliding contacts. The considerable electrical resistivity of titanium requires an additional current feed device to be placed at a distance of 50-100 mm from the chill. A special water-cooled copper chill facilitates the assembly for welding. A single-phase TWC -3000-1 (TShS-3000-1) type transformer is used as a feed source. Welding is carried out with

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S/135/60/000/012/003/010

Electric Slag Welding

oxygen-free AH -T 2 (AN-T2) flux. An additional argon shield is developed over the pool. The technology provides for high-quality joints, and raises labor efficiency by ten times as compared to argon-arc welding. Electric slag welding is also used for the production of turbine blades; blast-furnace boiler shells; the assembly of cementation furnace bandages, the assembly on the site of spherical containers, and the production of press crankshafts, the repair of shears, fractured locomotive frames and for the production of main press girders (Figure 10).

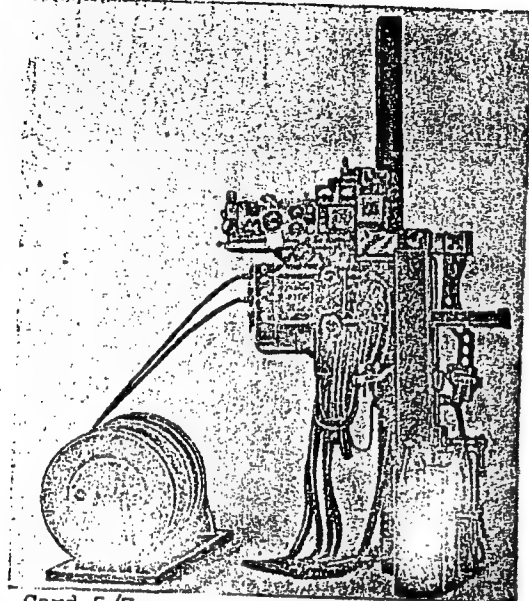
X

Card 4/7

85166

Electric Slag Welding

3/135/60/000/012/003/010
A006/A001

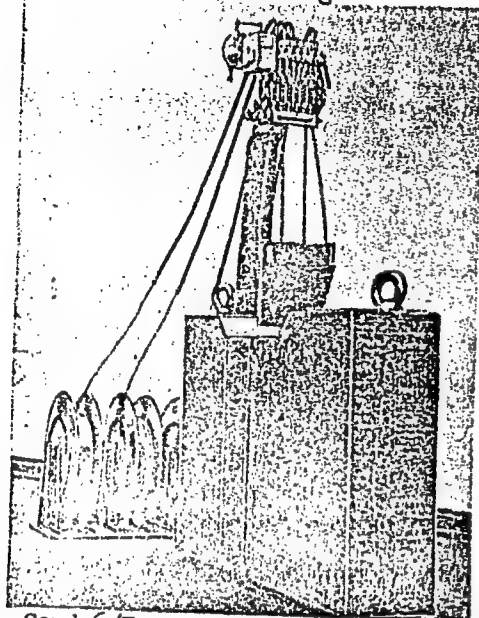


Card 5/7

Figure 2.

Multi-purpose rail apparatus (A-535)

Electric Slag Welding



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85165

8/135/60/000/012/003/010

A006/A001

Figure 4.

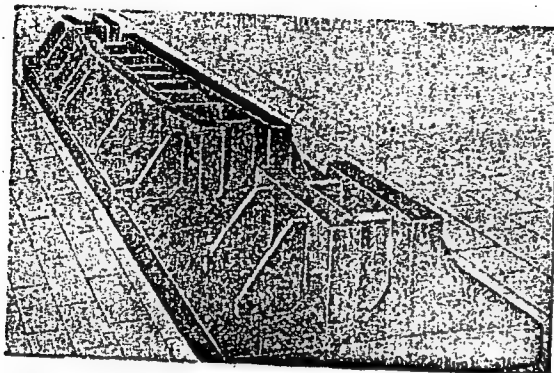
Special A-645 apparatus for welding by the method of "consumable nozzles".

85146

Electric Slag Welding

S/135/60/000/012/003/010
A006/A001

Figure 10.



Main girder press of the ЗИЛ -130 (ZIL-130) machine manufactured by electric-slag welding.
There are 10 figures.

Card 7/7

ASINOVSKAYA, Gneaya Abramovna; ZELIKOVSKAYA, Nataliya Mikhaylovna;
KOROVIN, Andrey Ivanovich; KRAVETSKIY, G.A.; NEMKOVSKIY,
I.A.; OFITSEROV, D.M.; TESMENITSKIY, D.I.; FISHKIS, M.M.;
SHAPIRO, I.S.; GLIZMANENKO, D.L., kand. tekhn. nauk, red.;
KLIMOVICH, Yu.G., red.; DORODNOVA, L.A., tekhn. red.

[Flame metalworking processes] Gazoplamennaia obrabotka metal-
lov. [By] G.A.Asinovskaia i dr. Moskva, Proftekhizdat, 1962.
556 p. (MIRA 16:3)

(Gas welding and cutting) (Flame hardening) (Metal spraying)

STERENBOGEN, Yu.A.; KHORUNOV, V.F.; GRETSKIY, Yu.Ya.; FISHKIS, M.M.

Mechanized method of welding gray cast iron with a powder rod.
Avtom. svar. 15 no.9:82-86 S '62. (MIRA 15:9)

1. Ordena Trudofogo Krasnogo Znameni Institut elektrosvarki im. Ye.O.Patona AN UkrSSR (for Sterenbogen, Khorunov, Gretskiy).
2. Avtozavod im. I.A.Likhacheva (for Fishkis).
(Cast iron--Welding)

NEYMARK, V.Ye.; TRUMIN, I.I.; FISHKIS, M.Ya.

Effect of inoculents and insoluble impurities on the crystallization
of bismuth and ~~zinc~~ in a field of elastic vibrations. Lit.proizv.
no.9:31-32 S '62. (MIRA 15:11)

(Crystallization) (Vibrations)

STERENBOGEN, Yu.A., kand. tekhn. nauk; KHORUNOV, V.F., inzh.; GRETSKIY, Yu.Ya.,
inzh.; FISHKIS, M.M., inzh.

Mechanized method of welding cast iron with use of powder wire.
Svar. proizv. no.6:7-8 Je '63. (MIRA 16:12)

1. Institut elektrosvarki im. Ye.O. Patona (for Gretskiy).
2. Moskovskiy avtozavod im. Likhacheva (for Fishkis).

FISHKIS, M.M.

~~Gas-flame straightening of metal structures. Mashinostroitel'~~
no.11:32-34 N '63. (MIRA 16:11)

LELEKO, N.M.; FISHKIS, M.M., kand. tekhn. nauk, retsenzent;
BICHEV, A.G., inzh., red.

[Standard equipment for making welded structures; album
of drawings] Tipovye prispособleniia dlia proizvodstva
svarnykh konstruktsii; al'bom chertozhe.. Moskva, Ma-
shinostroenie, 1964. 99 p. (MIRA 17:10)

ATAMASENKO, G.N., inzh.; PEREYASLAVTSEV, N.A., inzh.; FISHKIS, M.S., inzh.

Precast reinforced concrete foundations for the auxiliary equipment
of thermal electric power plants. Energ. stroi. no.41:7-10 '64.
(MIRA 17:11)

FISHKIS, M.Ya.; GLAGOLEVA, G.F.

Jupiter in 1951. Biul.VAGO no.18:41-44 '56. (MIRA 10:1)

**1. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodesicheskogo
obshchestva, otdel planet i luny.**

(Jupiter (Planet))

S/128/62/000/009/001/003
AOC4/A127

AUTHORS: Neymark, V. Ye., Teumin, I. I., Fishkis, M. Ya.

TITLE: The effect of inoculants and insoluble impurities on the crystallization of bismuth and zinc in the field of elastic vibrations


PERIODICAL: Liteynoye proizvodstvo, no. 9, 1962, 31 - 32

TEXT: Elastic vibrations acting on metals and alloys during the crystallization process substantially improve the macro- and microstructure of ingots. The authors present various opinions found in literature on the mechanism of the vibration effect. In the tests carried out by the authors with bismuth and zinc it was found that the effect of elastic vibrations on the structure and properties of metals is more efficacious in the presence of even small amounts of impurities in the melt. Soluble and insoluble inoculants were tested, sodium being used for bismuth and magnesium for zinc. The authors give a description of the tests and the test installation, present a number of graphs showing the effect of inoculants on the bismuth grain size and the zinc grain size - amount of magnesium curve, and microsection photos. The connection between the initial and final structures of the specimens indicate that there are more insoluble impurities in the fine-grained

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The effect of inoculants and insoluble impurities on... S/128/62/000/009/001/003
A004/A127

than in the coarse-grained zone. With inoculant concentrations lower than the optimum value, both the vibration and soluble additives reduce σ and their additive effect promotes a decrease of the work of nucleus formation. If the inoculant concentrations are higher than the optimum, the elastic vibrations destroy the adsorbing layers on the nucleus surface, which have not yet reached the critical size, causing the crystallization centers in the melt to increase. There are 5 figures and 9 references.



Card 2/2

ZETKIN, V.I.; ZHKHAROV, Ye.V.; FISHKIS, M.Ya.; KOLESNIKOV, I.M.

Detection of chloronitrobenzenes. Zhur. anal. khim. 19 no.11:
1415-1416 '64. (MIRA 18:2)

1. I.M. Gubkin Moscow Institute of Petroleum Chemistry and Gas
Industry.

FISHKIS, R. I., inzh.; TSEYTLIN, A. L., inzh.

Bridges with framed-continuous structure. Avt. dor. 25 no.10:
20-22 0 '62. (MIRA 15:10)

(Bridges, Concrete)

FISHKIS, R.I., inzh.; TSEYTLIN, A.L. inzh.

Specifications for the design of railroad, highway and city
bridges and culverts. Avt. dor. 26 no.5:31-32 My '63.
(MIRA 16:7)

(Bridges—Design and construction)
(Culverts)

FISHKIS, R.I., inzh.; TSEYTLIN, A.L., inzh.

Medium-size bridges at the Moscow ring highway. Avt. dor. 26
no.6:15-16 Je '63. (MIRA 16:8)

(Moscow--Bridges, Concrete)

VOSTRIKOVA, A.M.; SAKHAROVA, V.V.: Prinimali uchastiye: FISHKO, F.Ye.;
YEFINOVA, N.M.; BABURSKAYA, Z.T.; POZDNYAKOVA, K.I.; SHCHEGLOVA,
K.D.; KUSTOVA, V.T.; POD"YACHIKH, P.G., red.; STRONGIN, V.L.,
red.; PYATAKOVA, N.D., tekhn.red.

[Public health in the U.S.S.R.; compendium of statistics] Zdravo-
okhranenie v SSSR; statisticheskii sbornik. Moskva, Gosstatizdat
TsSU SSSR, 1960. 271 p. (MIRA 13:8)

1. Russia (1923- U.S.S.R.) TSentral'noye statisticheskoye upravle-
niye. 2. Otdel statistiki naseleniya i zdravookhraneniya TSentral'nogo
statisticheskogo upravleniya SSSR (for all except Strongin, Pyatkova).
3. Chlen Kollegii TSentral'nogo statisticheskogo upravleniya SSSR (for
Pod'yachikh).

(PUBLIC HEALTH--STATISTICS)

FISHKOP, M.

Phase methods of measuring distances. Radio no.9:23-25 S '60.
(MIRA 13:10)

(Radio measurements)

(Distance--Measurement)

L 62350-65 EEO-2/ENT(d)/EED-2 Pn-4

ACCESSION NR: AP5019052

UR/0236/65/000/012/0081/0081

531.719.33 : 62-527

22

AUTHOR: Shmerling, I. Ye.; Fishkop, M. Sh.; Agayev, T. S.; Rytlevskiy, L. L.; Gershkovich, A. Ye.

21

B

TITLE: An automatic device for surveying jobs, e.g. on a river. Class 42, No. 172060

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 81

TOPIC TAGS: surveying, radio transmitter

ABSTRACT: This Author's Certificate introduces an automatic device for surveying jobs, e.g. on a river. The installation contains a radio transceiver on the bank, and shipboard equipment including a radio station, a phase sensitive unit and a sonar with a tape deck. The device is designed for doing jobs at night and when visibility conditions are poor. The radio transceiver on the bank has an additional antenna. A high frequency cable is used to separate the antenna from the extra antenna from the main transmitter by a reference antenna. The antenna for the line of direction (of a reference hyperbola) is connected to the output of the

Card 1/3

L 62850-65

ACCESSION NR: APS019052

phase sensitive unit of the equipment aboard the ship.

ASSOCIATION: Tsentral'noye proyektno-konstruktorskoye byuro ministerstva rechnogo
flota (Central Design and Planning Office, Ministry of the River Fleet, RSFSR)

31Mar64

ENCL: 01

SER CODE: EC, ES

NUMBER: SOV: 000

OTHER: 000

Card 2/3

L 62850-65

ACCESSION NR: AP5019052

ENCLOSURE: 01

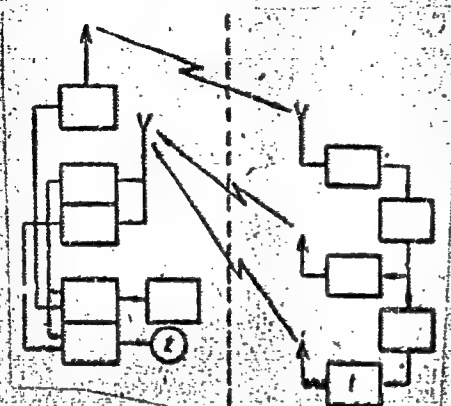


Fig. 1. 1--extra transmitter;
2--direction line indicator

Card 3/3

MOCHALOV, V.A.; MATYUSHCHENKO, D.D.; KRIVITSKIY, A.A.; GLEZER, G.N.;
OPARIN, I.M.; KHEYMAN, E.L.; SMETNEV, N.N.; EPSHTEYN, A.L.;
GUSEV, B.Ya.; LEYKIN, L.P.; MARCHENKO, G.M.; FISHKOV, V.G.;
SAPROVSKIY, S.V.; LYAKHOVSKIY, I.I.; SMELYAKOV, Ye.P.; VAYNTRAUB,
D.A.; BUDYLIN, M.M.; NOTKIN, Ye.M.; KUR, G.Ye.; ARONSHTEYN, N.A.;
SUKHAREV, V.I.; VINOGRADOV, K.N.; BOBROVSKIY, N.S.

Innovators' certificates and patents. Mashinostroenie no. 2:
103-109 Mr-Ap '64. (MIRA 17:5)

KACHURIN, Ye.D., inzh., red.; ARISTOV, S.S., inzh., red.; FISHKOV, Ya.L.,
inzh., red.; EPSHTEYN, S.M., inzh., red.; MORSKOY, K.I., red.izd-va;
MASLOV, N.A., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.; TEMKINA,
Ye.L., tekhn.red.

[Catalog of standard prices to be used in making estimates for
standard plans of buildings and structures] Katalog edinichnykh
rastsenok dlia sostavleniia smet k tipovym proektam zdanii i
sooruzhenii. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i
stroit.materialam. Vol.1., 1959. 540 p. Vol.2., 1959. 654 p.
(MIRA 12:9)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.

(Building--Estimates)

KACHURIN, Ye.D., inzh., red.; FISHKOV, Ya.L., inzh., red.; EPSHTEYN,
S.M., inzh., red.; PETROVA, V.V., red., izd-va; OSENKO, L.M.,
tekhn., red.

[Collection No.12-M of unified regional unit valuation sheets
for assembly work, piping and fittings] Sbornik No.12-M edinykh
raionnykh edinichnykh rastsenok na montazhnye raboty, trub-
provody i armatura. Izd.2., ispr. po novomu masshtabu tsen,
vvedennomu s 1 ianvaria 1961 g. Moskva, Gos.izd-vo lit-ry po
stroit., arkhitekt. i stroit.materialam. Pt.1. 1960. 583 p.

(MIRA 14:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.

(Pipe--Tables, calculations, etc.)

KACHURIN, Ye.D., inzh., red.; MEN'SHIKOV, G.M., inzh., red.; FISHKOV,
Ya.L., inzh., red.; EPSHTEYN, S.M., inzh., red.; SHITOVA, L.N.,
red.izd-va; GARNUKHIN, Ye.K., tekhn.red.

[Collection No.12-M of unified regional estimates for installation operations of pipes and fittings] Sbornik No.12-M edinykh raionnykh edinichnykh rastsenok na montazhnye raboty, truboprovody i armatura. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam. Pt.2. [Pipes from stainless steel, nonferrous metals, and ferrosilid] Truboprovody iz trub nerzhaveiushchikh statei, tsvetnykh metallov i ferrosilida. 1961. 390 p.

(MIRA 14:7)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.

(Pipe fitting)

KACHURIN, Yefim Davidovich; FISHKOV, Yakov L'vovich; EPSHTEYN,
Samuil Matveyevich; MALYUGIN, V.I., red.; BRUSHTEYN, A.I.,
red. izd-va; DOBUZHINSKAYA, L.V., tekhn. red.

[Estimates for the construction of industrial enterprises]
Smety na stroitel'stvo ob'ektov promyshlennykh predpriyatii.
Pod red. V.I.Maliugina. Moskva, Gos.nauchno-tekhn.izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1961. 167 p.

(MIRA 15:2)

(Building—Estimates)

BUDANOV, G.V., inzh., otv. za vypusk; KACHURIN, Ye.D., red.; MEN'SHIKOV, I.M., red.; FISHKOV, Ya.L., red.; EPSHTEYN, S.M., red.; PINEGIN, I.I., red. izd-va; ISLENT'YEVA, P.G., tekhn. red.

[Collection No.25 of standardized regional unit rates for refractory bricklaying for industrial furnaces and stacks. Price-list of average, regional estimate prices for refractory materials and products. Approved and put into effect as of January 1, 1962] Sbornik No.25 edinykh raionnykh edinichnykh rastsenok na ogneupornuiu kladku promyshlennykh pechei i trub. TSennik srednikh raionnykh smetnykh tsen na ogneupornye materialy i izdeliia. Uтверzhden... i vveden v deistvie s 1 ianvaria 1962 g. Moskva, Metallurgizdat, 1962. 287 p. (MIRA 15:12)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva. (Bricklaying--Prices)
(Refractory materials--Prices)

FISHKO, A.

4540 Vypusk Shifera Udvoyn (Brotsenskiy Kombinat Stroit. Materialov. M.,) Profifdat, 1954 44S.
S Chert; 1L. Chert. 17 Sm. (Rasskafy Novatorov.) 10,000 Ekf 65K.-(SS-142) P 666.858 St.

FISHKOV, Ye.L. (Sukhumi)

Therapeutic use of KF bee venom. Klin. med. 32 no.8:20-25 Ag '54.

(VENOMS,

(MIRA 7:10)

bee venom prep. ther. use)

(BMS,

bee venom prep. ther. use)

(ANALGESICS,

bee venom prep.)

FISHKOV, Ye.L.

Venapiolin, a preparation from bee venom, and its use for
surgical patients. Eksp. khir. i anest. 6 no. 4: 61-62 '61.

(VENOM)

(MIRA 14:10)

Fishkova, E. S.

✓ The effect of prolonged application of manure and of mineral fertilizers on the microflora of black soils. V. N. Bylinkina and E. S. Fishkova. *Trudy Vsesoyuz. Nauch.-Issledovatel. Inst. Sel'skokhoz. Mikrobiol.* 8, 23-32 (1953).— The prolonged application of any type of fertilizer produces clear-cut pos. results with regard to the fertility of black soils through the increase in its content of total N. The enhanced formation of fertilizers affects the qual, compn. of the soil microflora. This is particularly true in the case of continuous application of manure which inevitably increases the population of manure-decomp. as well as of the N-fixing bacteria.
B. S. Levine

①

KAMSHILOV, M.M.; FISHKOVA, E.S.

Effect of ultraviolet rays on the numerical variations of bacteria
in experimental biocenoses. Dokl. AN SSSR 151 no.1:206-208 J1
'63. (MIRA 16:9)

1. Murmanskij morskoy biologicheskiy institut Kol'skogo filiala
im. S.M.Kirova AN SSSR. Predstavleno akademikom A.I.Oparinyam.
(ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT) (BACTERIA)

FISHKOVA, E.S.

Survival of some microbes in the tissues of the edible mussel
(*Mytilus edulis* L.). Trudy MMBI no.5:244-250 '64. (MIRA 17:4)

1. Laboratoriya sravnitel'noy i eksperimental'noy embriologii
(zav. - B.P.Tokin) Murmanskogo morskogo biologicheskogo instituta.

PRAZDNIKOV, Ye.V.; FISHKOVA, E.S.; CHENTSOV, B.V.; MIKHAYLOVA, I.G.

Antimicrobial properties of the inflammation focus of the mussel
mantle. Trudy MMBI no.5:232-243 '64. (MIRA 17:4)

1. Laboratoriya sravnitel'noy i eksperimental'noy embriologii
(zav. - B.P.Tokin) Murmanskogo morskogo biologicheskogo instituta.

FISHKOVA, L. M.

USSR/Physics
Photometry
Lights - Measurements

Feb 49

"Photoelectric Photometry of Small Light Streams," A. L. Osherovich, Ye. N. Pavlova, S. F. Rodionov, L. M. Fishkova, Sci Res Phys Inst, Leningrad State U, 18¹/₂ pp

"Zhur Tekh Fis" Vol XIX, No 2

Treats under: (1) sensitivity of a system consisting of a photoelectronic multiplier and a tube amplifier, (2) characteristics of certain types of photoelectronic multiplier which can be used to measure small light streams, (3) spectrum characteristics of some photoelectronic multipliers, (4) photometer circuit, (5) characteristics of photometer for measuring light streams to 10^{-10} light meters, (6) photometer for measuring light streams to 10^{-12} light meters, (7) photometer with a balance DC amplifier, (8) some applications of the photometer for measuring small illuminations, and (9) photon counter. Includes 16 diagrams. Submitted 19 Apr 48.

PA 40/49T104

Translation 568476

FISHKOVA, L.M.

Photoelectric method for measuring the intensity of lines in Raman spectra. Nauchbiul. Len. un. no. 24:3-6 '49. (MIRA 10:3)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta.
(Spectrum analysis)
(Photoelectric measurements)